Quick Start Guide
AMI MUSIK **DS5**

Thank you for purchasing the AMI MUSIK DS5. This quick start guide provides the basic installation steps for the use of the AMI MUSIK DS5. Read this before you use the unit for the first time.

Supplied accessories

While unpacking the AMI MUSIK DS5, confirm that the following accessories are present.

(1) AMI MUSIK DS5 x 1
(2) 5V 3A AC-DC Adaptor x 1
(3) USB A male - USB B male cable x 1
(4) 3M bumpon x 4
(5) Quick start guide x 1
(6) Driver Installation CD-ROM x 1

System requirement

(1) Operating system

WDM Kernel Streaming, WASAPI, Direct Sound Dedicated drivers for:

- Microsoft Windows® XP incl. SP3
- Microsoft Windows® Vista (32/64 bit incl. SP2)
- Microsoft Windows® 7 (32/64bit)
- Microsoft Windows® 8 (32/64 bit)
- No driver needed for Apple Mac OS X (10.6 + or later)
- No driver needed for Linux with UAC2 compliant kernel

(2) Suggested system requirement

- Genuine Intel® Pentium® IV 2GHz, AMD® equivalent processor or faster (Microsoft Windows XP)
- Genuine Intel® Pentium® IV 2.4GHz, AMD® equivalent processor or faster (Microsoft Windows Vista / Windows 7 & 8)
- Intel, AMD or 100% compatible motherboard chipset
- 1GB RAM (Windows XP) / 2GB RAM (Windows Vista / Windows 7 & 8)
- 10GB of free hard disk space
- USB type A female USB 2.0 hi-speed port

Setting up

Step 1 - Driver installation

※ For Windows users, you need to first install the driver and then connect the device with your PC.

(1) Microsoft Windows PC (XP, Vista, 7 & 8)

Windows PCs need a driver installation in order to playback music using an asynchronous USB Audio Class 2(UAC2) device. This driver is supplied in the driver installation CD. Open the explorer and click on the icon of your CD/DVD drive. Double click *setup_(ami_ds5_v1.0.57).exe.*

You can find detailed information on Windows system setup for the AMI MUSIK DS5 in the folder "Manuals" within the driver installation CD.

Setup will require that you connect the device with your computer once the driver is installed.

(2) Apple Mac OSX 10.6.4 or higher, Linux Kernel 2.6.37 or higher

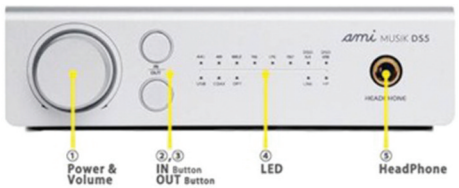
The OS embedded UAC2 driver is installed automatically when the AMI MUSIK DS5 is connected. No third party driver installation is needed. Simply connect your AMI MUSIK DS5 to a free USB port on your Apple Mac or Linux computer using the USB cable supplied.
You can find detailed information on Mac OS system setup for the AMI MUSIK DS5 in the folder "Manuals" within the driver installation CD.

Step 2 - Power on

Connect the supplied 5V DC adaptor power supply to the AMI MUSIK DS5 and connect to your PC using the supplied USB cable. Push the volume button for approximately 1 seconds. The LED indicators at the front panel will illuminate for unit initialization. After initialization, the AMI MUSIK DS5 will be ready for use. The quad level LED indicators will first show the current volume setting and then, the current sample rate.

Controls and functions

(1) Front panel



① Volume knob & Power button

- Volume control: Turn the volume knob for controlling the volume (up to 56 levels)

※ When turning the volume knob, the LED will instantly show the volume level (approximately 7 levels are represented by 1 LED)

※ When in fixed mode, the line out volume is set to "fixed". The volume knob would not control the volume of the line out, but would continue to control the volume of the headphone out.

- On/Off power button: Push the volume knob for approximately 1 second for power on/off

② Input (default: USB)

- Push button to select input source (USB – Coaxial – Optical)

③ Output (default: Line)

- Push button to select output source (RCA Line out – Headphone out)

④ LED

- Sample rate indicator
- Input/output indicator
- Volume indicator
- Different setting indicator (fixed/variable mode, etc...)

⑤ Headphone output

- Push Output button to select headphone out mode

(2) Rear panel

⑥ Line output: Standard dual RCA stereo line output jack support pure DAC mode (fixed gain) and preamp mode (variable gain)

⑦ Coaxial input: Support up to 24bit/192kHz coaxial RCA S/PDIF input (Standalone DAC support)

⑧ Optical input: Support up to 24bit/192kHz TOSLINK S/PDIF input (Standalone DAC support)

⑨ USB input: Support up to 24bit/192kHz and high-speed asynchronous mode USB input

⑩ DC input: DC 5V 3A adopter input

⑪ Ground: Use ground cable if needed.

Specifications

Dimensions	• 150 x 40 x 140mm (W x H x D)
Digital inputs	• USB HS 2.0 (USB Audio CLASS 2.0 / DSD over USB PCM token FA05 / PCM, DSD Native Stream) - Support PCM 24bit / 192kHz - Support DSD 64 (2.8MHz) / DSD 128 (5.6MHz) • Optical x 1EA (50Mbps/192kHz max / WM8804) • Coaxial x 1EA (75Ω/192kHz max / WM8804)
Analog outputs	• D/A converter: Cirrus Logic CS4398 (120dB, 192kHz Multi-Bit DAC) - Dynamic range: 120dB A-Weighted (component spec) - Signal noise ratio: 120dB A-Weighted (component spec) - THD+N: 0.0005% (component spec) - Supported PCM sampling rates: 44.1 / 48 / 88.2 / 96 / 176.4 / 192 kHz - Supported DSD SCLK frequency: DSD64 (2.8MHz) / DSD128 (5.6MHz) - Matched PCM / DSD analog level out (2.2Vrms pair) • 2 RCA x 1EA (2.2Vrms, gold plated RCA output)
Headphone Output	• 6.3mm phone jack x 1EA (2Vrms max, gold plated 6.3 headphone jack output) - Supported headphone impedance: 16-300Ω - Output level: 150mW(16Ω loaded) - Frequency response 20Hz~48kHz - THD 0.02%@1kHz
Power Supply	• Type: 2.1mm DC Jack (external power input) • Maximum input: 5VDC 3A • Over voltage protection: 5.5VDC limit (shutdown operation)

Customer Support & Warranty

- **Customer Support** http://amimuse.com/support/support-tickets/
- **Warranty** http://amimuse.com/support/warranty/
- **FAQ** http://amimuse.com/support/faq/
- **Manual & Driver updates** http://amimuse.com/support/downloads/

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